

Docket No: HEIM
Appl. No: 09/928,868

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER INDENTIFIERS**

1. (Currently amended) A stator for an electric drive; comprising:

a stator housing in the form of a stack of laminations, said housing having opposite winding end portions and a stator bore which is defined by an axis;

a pair of tubular insulators, one tubular insulator abutting an axis-confronting inner surface of one winding end portion and the other tubular insulator abutting an axis-confronting inner surface of the other winding end portion;

and

a cooling jacket arranged in circumferential direction of the stator housing, wherein a cavity is bounded only by one tubular insulator in concert with an end face of the housing and the cooling jacket ~~bounds a cavity~~ for receiving one winding end portion, and wherein another cavity is bounded only by the other tubular insulator in concert with another end face of the housing and the cooling jacket ~~bounds a cavity~~ for receiving the other winding end portion, with each of the cavities being filled out with insulating casting material.
2. (Original) The stator of claim 1, wherein each tubular insulator has a housing-confronting end face which includes a centering ring for radially centering the tubular insulator in relation to the stator bore of the housing.

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3. (Original) The stator of claim 2, wherein the centering ring is formed integrally with the tubular insulator.
4. (Original) The stator of claim 2, and further comprising a pair of circular cover slides, one cover slide engaging slots of the housing at one end face thereof to cover a slot structure, and the other cover slide engaging slots of the housing at another end face thereof to cover a slot structure, wherein the cover slides are arranged in surrounding relationship to the stator bore and project beyond the end faces of the housing, wherein the centering rings support the tubular insulators against the cover slides and seal a junction between the tubular insulators and the end faces of the housing in radial direction by abutting against a backside of the cover slides and in axial direction by bearing against slot flanks.
5. (Original) The stator of claim 1, wherein each tubular insulator has a housing-distal end provided with a reinforcement for providing a measure for a required filling height of the casting material during potting of the winding end portions.

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6. (Currently amended) An electric drive, comprising:
- a stator including a stator housing in the form of a stack of laminations, said housing having opposite winding end portions and a stator bore which is defined by an axis and destined for receiving a rotor;
- a pair of tubular insulators, one tubular insulator abutting an axis-confronting inner surface of one winding end portion and the other tubular insulator abutting an axis-confronting inner surface of the other winding end portion;
- and
- a cooling jacket arranged in circumferential direction of the stator housing, wherein a cavity is bounded only by one tubular insulator in concert with an end face of the housing and the cooling jacket ~~bounds a cavity~~ for receiving one winding end portion, and wherein another cavity is bounded only by the other tubular insulator in concert with another end face of the housing and the cooling jacket ~~bounds a cavity~~ for receiving the other winding end portion, with each of the cavities being filled out with insulating casting material.
7. (Original) The electric drive of claim 6, wherein each tubular insulator has a housing-confronting end face which includes a centering ring for radially centering the tubular insulator in relation to the stator bore of the housing.
8. (Original) The electric drive of claim 7, wherein the centering ring is formed integrally with the tubular insulator.

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9. (Original) The electric drive of claim 7, and further comprising a pair of circular cover slides, one cover slide engaging slots of the housing at one end face thereof to cover a slot structure, and the other cover slide engaging slots of the housing at another end face thereof to cover a slot structure, wherein the cover slides are arranged in surrounding relationship to the stator bore and project beyond the end faces of the housing, wherein the centering rings support the tubular insulators against the cover slides and seal a junction between the tubular insulators and the end faces of the housing in radial direction by abutting against a backside of the cover slides and in axial direction by bearing against slot flanks.
10. (Original) The stator of claim 6, wherein each tubular insulator has a housing-distal end provided with a reinforcement for providing a measure for a required filling height of the casting material during potting of the winding end portions.

Claims 11-14 (Withdrawn)